|   | Index of Claims                       |           |          |  |          |    |         |   |          |                |           |   |                           | \p           | pplication/Control No. |           |         |    |   |    |    |          |             |           | Applicant(s)/Patent under Reexamination |            |            |           |         |               |       |             |           |        |       |          |  |   |  |
|---|---------------------------------------|-----------|----------|--|----------|----|---------|---|----------|----------------|-----------|---|---------------------------|--------------|------------------------|-----------|---------|----|---|----|----|----------|-------------|-----------|---|------------|------------|-----------|---------|---------------|-------|-------------|-----------|--------|-------|----------|--|---|--|
|   |                                       |           |          |  |          |    |         |   |          |                |           |   |                           |              | 10/789,352             |           |         |    |   |    |    |          |             |           |   | SATO, YOKO |            |           |         |               |       |             |           |        |       |          |  |   |  |
|   |                                       |           |          |  |          |    |         |   |          |                |           |   |                           |              | Examiner               |           |         |    |   |    |    |          |             |           | Art Unit                                |            |            |           |         |               |       |             |           |        |       |          |  |   |  |
|   | · · · · · · · · · · · · · · · · · · · |           |          |  |          |    |         |   |          |                |           |   |                           |              | N. Drew Richards       |           |         |    |   |    |    |          |             |           | 2815                                    |            |            |           |         |               |       |             |           |        |       |          |  |   |  |
|   | √ Rejected — (                        |           |          |  |          |    |         |   |          |                |           |   | Through numeral Cancelled |              |                        |           |         |    | ) | ]  | N  | ,        | Non-Elected |           |   | ted        |            | A         | Appeal  |               |       |             |           |        |       |          |  |   |  |
|   | = Allowed                             |           |          |  |          |    |         |   | •        | + Res          |           |   |                           |              | stricted               |           |         |    |   | 1  | 11 | nte      | rtei        | ren       | ce                                      | 1.         | 0          |           | ОЪ      | jec           | tec   | <br>J       |           |        |       |          |  | • |  |
|   | Claim Date                            |           |          |  |          |    |         |   |          | 7              | Claim     |   |                           |              |                        | _         | Da      |    |   | le |    |          |             | С         | lalm                                    |            | Oate       |           |         |               |       | 7           |           |        |       |          |  |   |  |
|   |                                       | 1         | 19       | 19 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 |          |    |         | Τ |          | П              |           |   | Т                         |              | Г                      | Γ         |         | Γ  | Ť | Ť  |    |          | П           |           |   |            | П          |           |         | Ť             | Ϊ     | T           | T         | T      | 1     |          |  |   |  |
|   | Final                                 | Origi     | 2        | 88                                       | 8        | 8  |         |   |          | ľ              |           |   | Final                     | ١            | Original               |           |         |    | l |    |    |          |             |           |   | Final      | Original   |           |         |               | ŀ     |             |           | ۱      |       |          |  |   |  |
|   |                                       | 1         | Ξ        |  |          | V  | T       | 二 | 二        |                | 口         |   | _                         |              | 51                     |           |         |    | L |    |    |          |             | 口         |   |            | 101        |           | 1       | 1             | 士     | 士           | 1         | 土      | 土     | 1        |  |   |  |
|   | -                                     | 3         | f        | 1  | H        | ╫- | ╁       | ╀ | ┝        | ┝              | Н         | 1 |                           |              | 52<br>53               | -         | -       | -  | ┝ | ┝  | -  | H        | Н           | $\vdash$  | ł                                       |            | 102        | Н         | +       | +             | +     | +           | +         | 4      | +     | $\dashv$ |  |   |  |
|   |                                       | 4         | 1        | П  | П        | Γ  | Γ       |   |          |                | 口         | 1 |                           | $ lap{T}$    | 54                     |           |         |    | L |    |    |          |             |           |   |            | 104        |           | 1       | 士             | 土     | 土           | 1         | 士      | 1     | 1        |  |   |  |
|   | $\vdash$                              | 5         | ╫        | ╁  | H        | ╁╌ | ╁╴      | ╀ | ┝        | ┝              | Н         | ł | _                         |              | 55<br>58               | -         | -       | ┝  | ╁ | ╁  | ┝  | -        | Н           | Н         | 1                                       |            | 105        | Н         | +       | ┿             | +     | +           | +         | +      | +     | $\dashv$ |  |   |  |
|   |                                       | 7         | I        | П  | П        | Г  |         | L | _        |                |           | ļ |                           | Ι            | 57                     |           |         |    |   |    |    |          |             |           |   |            | 107        |           | 1       | 1             | 1     | 1           | 1         | 1      | 土     | 1        |  |   |  |
|   | -                                     | 9         | ╫        | 1  | 1        | -  | ┝       | ┢ | ╁        | $\vdash$       | Н         | - |                           |              | 58<br>59               | ┝         | -       | ├- | ╁ | -  | -  | H        | Н           | -         | -                                       |            | 108        | Н         | +       | +             | ╁     | +           | +         | +      | +     | $\dashv$ |  | • |  |
|   |                                       | 10        | П        | Y  | V        | V  | Έ       | Г |          |                |           |   |                           | $\mathbf{I}$ | 80                     |           |         |    |   |    |    |          |             |           | I                                       |            | 110        |           | 二       | 1             | 土     | 1           | 1         | 1      | 土     | 1        |  |   |  |
|   |                                       | 11        |          | 24                                       | ╀        | ┝  | ╁       | ╁ | -        | ┝              | Н         | - |                           |              | 61<br>62               | -         | ┝       | ┞  | ╀ | ┝  | ┝  | $\vdash$ | Н           | Н         | ŀ                                       |            | 111        | Н         | +       | +             | ╀     | +           | +         | +      | +     | +        |  |   |  |
|   |                                       | 13        | П        | I  |          |    |         |   |          |                |           | I |                           | Ι            | <u> </u>               |           |         |    |   |    |    |          |             |           | l                                       |            | 113        |           | 1       | 土             | 土     | 1           | 1         | 1      | 土     | _        |  |   |  |
|   | -                                     | 15        | ₩        | ╫  | ╢        | ╀╌ | ├-      | ╄ | ╀        | -              | Н         | 1 |                           |              | 64<br>65               | _         | -       | ├- | ┝ | ├- | -  | -        | Н           | $\dashv$  | ŀ                                       |            | 114        | Н         | +       | +             | +     | +           | +         | +      | +     | $\dashv$ |  |   |  |
| • |                                       | 16        | I        | I  |          |    |         | I |          |                |           | Ì |                           | Ι            | 66                     |           |         |    |   |    |    |          |             |           | Ì                                       | _          | 116        |           | 1       | 1             | 士     | 1           | #         | #      | 士     | 1        |  |   |  |
|   | -                                     | 17        | ₩        | 1  | ┞        | ╁╌ | ╁╴      | ╁ | ╀        | ┝              | Н         | ŀ |                           |              | 67<br>68               | $\vdash$  | -       | ├  | ┝ | H  | ┝  | Н        | Н           | Н         | ŀ                                       |            | 117        | Н         | +       | +             | +     | ╁           | ╁         | +      | ┿     | ┨        |  |   |  |
|   |                                       | 19        | II       | 4  |          | L, | 匚       |   |          |                |           | ľ |                           | Ι            | 69                     |           |         |    |   |    |    |          |             |           | Ì                                       |            | 119        |           | #       | 士             | 土     | 1           | 1         | 士      | 土     | 1        |  |   |  |
|   | -                                     | 20<br>21  | Н        | H  | 冷        | 검  | ├       | ┝ | ┢        | -              | Н         | ł |                           |              | 70<br>71               | ┝         | ┝       | ┝  | ┝ | H  | -  | Н        | Н           | Н         | ł                                       |            | 120<br>121 | Н         | +       | +             | ┿     | ╁           | ╁         | ╬      | ╁     | 4        |  |   |  |
|   |                                       | 22        | I        | 7  |          | Ľ  |         |   |          |                |           | I | _                         | Т            | 72                     |           |         |    |   |    |    |          |             | コ         |   |            | 122        |           | #       |               | 丰     | #           | 1         | 丰      | 丰     | 1        |  |   |  |
|   | <b> </b>                              | 23<br>24  |          | 1  |          | ├- | ┝       | ┝ | ├        | -              | $\dashv$  | ŀ |                           |              | 73<br>74               | -         | ┡-      | ┝  | ┝ | -  | -  | Н        | Н           | Н         | ŀ                                       |            | 123        | $\dashv$  | +       | +             | ╀     | +           | +         | +      | +     | 4        |  |   |  |
|   |                                       | 25        | =        | 2  |          |    |         |   |          |                |           | Ì |                           | I            | 75                     |           |         |    |   |    |    |          |             |           | Ì                                       |            | 125        |           |         | 1             | 土     | 土           | 1         | 土      | 土     | _        |  |   |  |
|   | -                                     | 26<br>27  | $\vdash$ | -  | ┝        | V  | -       | ╢ | -        | Н              | $\dashv$  | + | <u>.</u>                  |              | 76<br>77               | -         | <u></u> | -  | ┝ | H  |    | Н        | $\dashv$    | $\dashv$  | ŀ                                       |            | 126<br>127 | $\dashv$  | +       | +             | +     | +           | +         | +      | +     | ┥        |  |   |  |
|   |                                       | 28        |          | Ш  |          |    |         |   |          | Ш              |           | į |                           | Ι            | 78                     |           |         |    |   |    |    |          |             |           | Ì                                       |            | 128        |           | 士       | 士             | 土     | 土           | 1         | 士      | 土     | 1        |  |   |  |
|   | -                                     | श<br>3    | Н        |  | ┝        | H  | H       | ├ | -        | Н              | $\dashv$  | ŀ |                           |              | 79<br>80               |           |         | _  | H | H  |    |          | -           | $\dashv$  | ŀ                                       |            | 129<br>130 | -         | +       | +             | +     | ╀           | +         | +      | +     | -        |  |   |  |
|   |                                       | 31        |          |  |          |    |         |   |          |                |           | t |                           | T            | B1                     |           |         |    |   |    |    |          |             | ╛         | t                                       |            | 131        |           | 土       | 土             | 土     | 土           | 1         | 士      | 土     | 1        |  |   |  |
|   |                                       | 32<br>33  | Н        |  | <u> </u> | H  | -       | - | $\vdash$ | Н              | $\dashv$  | ŀ |                           |              | S                      |           |         | _  | - | Н  | _  |          | -           | 4         | -                                       |            | 132<br>133 | -         | 4       | +             | Ŧ     | Ŧ           | 1         | 4      | Ŧ     | 7        |  |   |  |
|   |                                       | 34        |          |  |          |    |         |   |          |                |           | t |                           | П            | 34                     |           |         |    |   |    |    |          | $\exists$   |           | t                                       | _          | 134        | $\exists$ | 士       | 1             | 土     | 土           | $\pm$     | +      | $\pm$ | 1        |  |   |  |
|   |                                       | 35<br>36  |          | Н  | Н        | Н  | <u></u> |   | Н        | _              | -         | F |                           |              | 35<br>36               |           |         |    | _ |    |    |          | _           | 7         | F                                       |            | 135<br>138 | 4         | 4       | -             | Ŧ     | Ŧ           | 7         | $\bot$ | T     | 7        |  |   |  |
|   |                                       | 37        |          |  |          |    |         |   |          |                |           | t | _                         | I            | 37                     |           |         |    |   |    |    |          | $\exists$   | 1         | ł                                       |            | 137        | 7         | $\pm$   | +             | 1     | $\pm$       | $\dagger$ | $\pm$  | +     | 1        |  |   |  |
| • | H                                     | 38<br>39  | $\Box$   | -  | H        | Н  |         |   | $\perp$  | $\blacksquare$ | $\dashv$  | F |                           |              | 38<br>39               |           |         |    | H |    |    |          | 7           | 7         | F                                       |            | 138<br>139 | 4         | 4       | Ŧ             | Ŧ     | Ŧ           | Ŧ         | Ŧ      | Ŧ     | 7        |  |   |  |
|   |                                       | 49        |          |  |          |    |         |   |          |                |           | t |                           |              | 20                     |           |         | _  |   |    |    |          | $\exists$   | 1         | ŀ                                       |            | 140        | $\pm$     | $\pm$   | 士             | $\pm$ | ${\dagger}$ | $\dagger$ | +      | +     | 1        |  |   |  |
|   |                                       | 41        | -        |  |          | Н  |         |   |          |                | $\Box$    | F |                           |              | )1<br>)2               |           |         |    |   |    |    | $\Box$   | $\exists$   | $\exists$ | ŗ                                       |            | 141        | 7         | 1       | Ţ             | Ţ     | Ţ           | Ţ         | Ţ      | Ţ     | 7        |  |   |  |
|   |                                       | 43        |          |  |          |    |         |   |          |                |           | t |                           | T            | 8                      |           |         |    |   |    |    |          | 1           | $\dashv$  | ŀ                                       |            | 143        | +         | +       | +             | +     | ╁           | $\dagger$ | ╁      | ╁     | 1        |  |   |  |
|   | -                                     | <b>\$</b> |          | $\exists$                                |          |    |         |   |          |                | $\dashv$  | F |                           |              | X<br>X                 | $\exists$ |         |    |   |    | _  | $\dashv$ | 7           | $\exists$ | F                                       |            | 144<br>145 | 4         | 7       | T             | Ŧ     | Ŧ           | Ŧ         | 7      | Ŧ     | 7        |  |   |  |
|   |                                       | 48        |          |  |          |    |         |   | Ħ        |                | $\exists$ | t |                           | 1            | 26                     |           |         | -  |   |    |    |          | _           | $\exists$ | ŀ                                       |            | 146        | 士         | 士       | $\pm$         | $\pm$ | 士           | $\pm$     | 士      | 士     | 1        |  |   |  |
|   | $\vdash$                              | 47        | $\dashv$ | 4  | Н        |    | Н       | Н | Н        | Ц              | $\dashv$  | F |                           |              | 77<br>38               | 4         |         |    |   |    | 4  | 4        | 1           | 4         | f                                       |            | 147<br>148 | $\dashv$  | 4       | Ŧ             | 7     | Ŧ           | Ŧ         | 7      | Ŧ     | 7        |  |   |  |
|   |                                       | 49        |          |  |          |    |         |   |          |                |           | t |                           | [            | 79                     | _         |         |    |   |    |    |          | _           | 1         | t                                       |            | 149        | 士         | 士       | 士             | 士     | $\pm$       | $\dagger$ | $\pm$  | 士     | 1        |  |   |  |
|   | ш                                     | 50        |          | ]  | Ш        | Ш  |         | L |          |                |           | L |                           | 1            | 00                     |           |         |    |   |    |    | $\Box$   | $\Box$      |           |   |            | 150        | J         | $\perp$ | $\mathcal{I}$ | I     | I           | Ι         | I      | I     | J        |  |   |  |